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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Arnold GOLDMAN et al

Serial No.: 09/746,014

Filed: December 26, 2000

For: Model Predictive Control (MPC) System
Using Doe Based Model

Examiner:

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9/Pre Amendment A
192 Hayner
9/02

Group Art Unit:

Attorney
Docket: 00/21288

PRELIMINARY AMENDMENT

Director of the United States Patent and Trademark Office
US Patent and Trademark Office
Washington, D.C. 20231

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Technology Center 2100

Sir:

Prior to examination, please amend the above identified application as follows:

In the Claims:

Claims 1 - 6, and 9 - 14 have been amended.

Amend Claim 1 to read as follows:

A1
-- 1.(Amended) A system for automatic process control of a process having an input space comprising input boundaries, the system comprising:

a measurement unit for taking measurements of said process at selected points of said input space,

a controller, controllably associated with said input space, for selecting said points of said input space such as to maximize information about said input space from a predetermined number of said points, and